

DOK (Depth of Knowledge)

Level 3: Strategic Reasoning

- A. Focus is on reasoning & planning in order to respond (e.g., write an essay, apply in new/novel situation).
- B. Complex and abstract thinking is required.
- C. Often need to provide support for reasoning or conclusions drawn.
- D. More than one "correct" response or approach is often possible.

Level 1: Recall

- A. Focus is on specific facts, definitions, details, or using routine procedures (measure, divide, follow recipe, etc.)
- B. Explaining "that..."
- C. Can be "difficult" without requiring "deep" content knowledge to respond to item (memorize a complex theory without being able to explain its meaning or apply it to a real work situation)
- D. Combination of level ones does NOT = level 2.
- E. One right answer

Level 4: Extended Reasoning

- A. Requires complex reasoning, planning, and thinking (generally over extended periods of time) for the investigation.
- B. Assessment activities have multiple steps with extended time provided.
- C. Students may be asked to relate concepts within the content area and among other content areas.
- D. Students make real-world applications in new situations.

Level 2: Skill/Concept

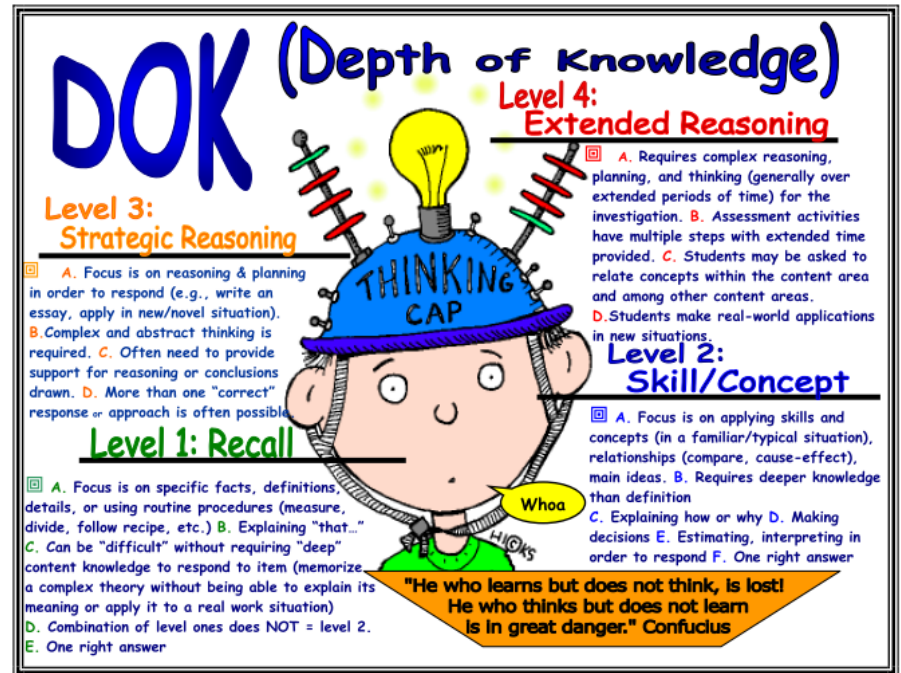
- A. Focus is on applying skills and concepts (in a familiar/typical situation), relationships (compare, cause-effect), main ideas.
- B. Requires deeper knowledge than definition
- C. Explaining how or why
- D. Making decisions
- E. Estimating, interpreting in order to respond
- F. One right answer



"He who learns but does not think, is lost!
He who thinks but does not learn
is in great danger." Confucius

DOK Level 1

- Basic recall of concepts, definitions, facts, and processes
- Follow a simple formula
- Perform a routine procedure
- Simple skills and abilities

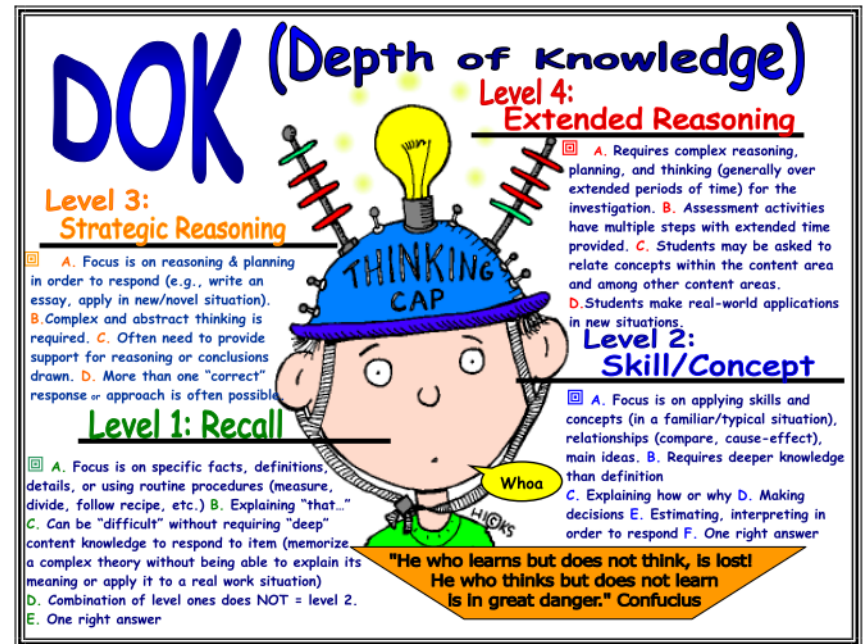


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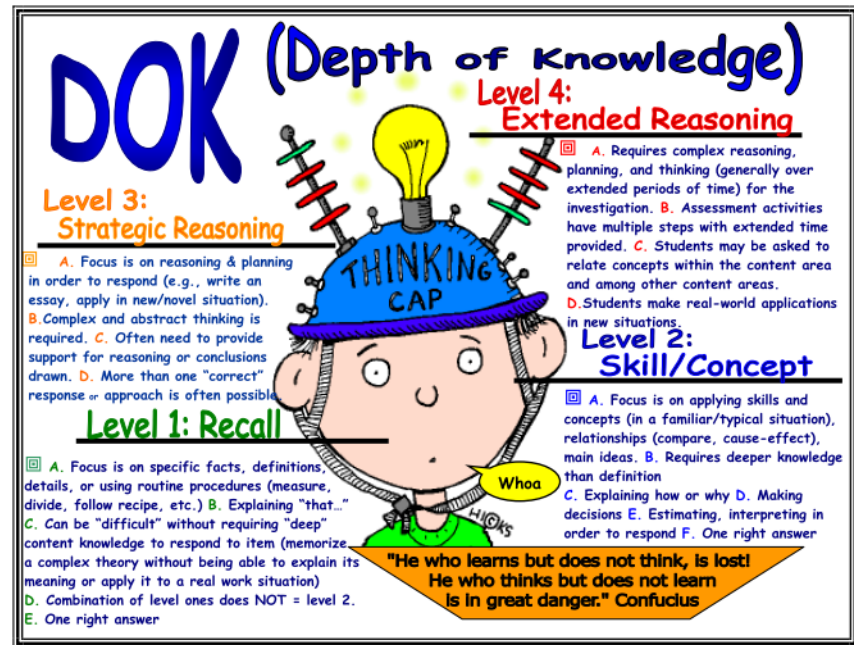
DOK Level 2

- Mental processing beyond recalling or reproducing a response
- Requires decisions as to how to approach the question or problem
- Perform two or more steps with decision points along the way
- Organize or display data
- Interpret or use simple graphs



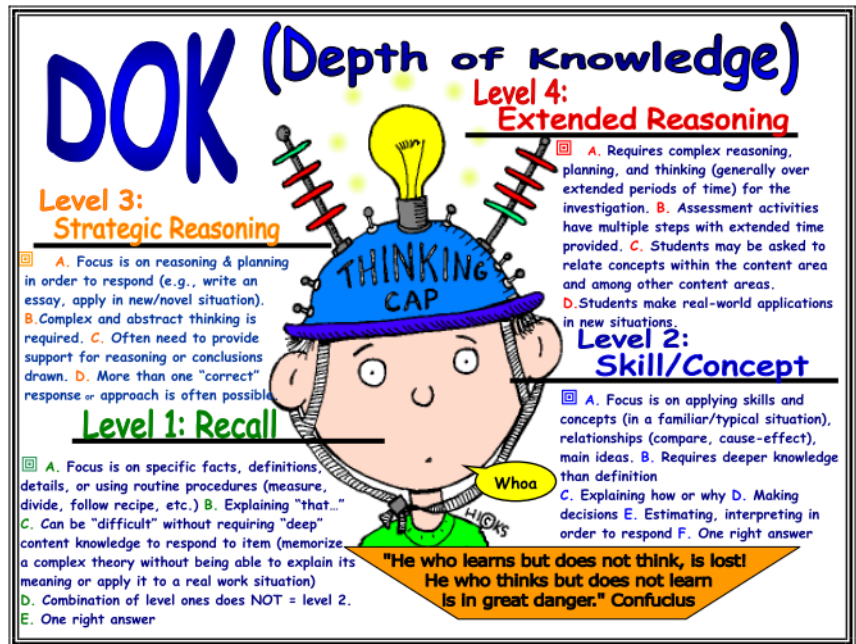
DOK Level 3

- Reason or develop a plan to approach a problem
- Employ some decision-making and justification
- Solve abstract, complex, or non-routine problems
- Often allows more than one possible answer



DOK Level 4

- Requires high cognitive demand and is very complex
- Perform investigations or apply concepts and skills to the real world that require time to research, problem solve, and process multiple conditions
- Make connections, relate ideas within the content or among content areas, and select or devise one approach among many alternatives on how the situation can be solved



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